

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/050454

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04R1/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/046304 A1 (RAST RODGER H) 29 November 2001 (2001-11-29) paragraph '0055!; figure 1	1,3-9
Y		2
X	US 2003/012389 A1 (BRICE ROBERT J ET AL) 16 January 2003 (2003-01-16) paragraph '0038!; figure 3	1,7-9
Y	KR 2001 048 552 A (LG INF & COMM LTD) 15 June 2001 (2001-06-15) abstract	2

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

29 July 2004

Date of mailing of the international search report

30/08/2004

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001046304	A1 29-11-2001	NONE	
US 2003012389	A1 16-01-2003	WO 03007491 A1	23-01-2003
KR 2001048552	A 15-06-2001	NONE	